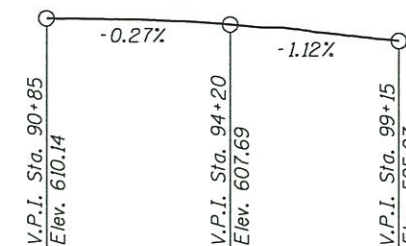
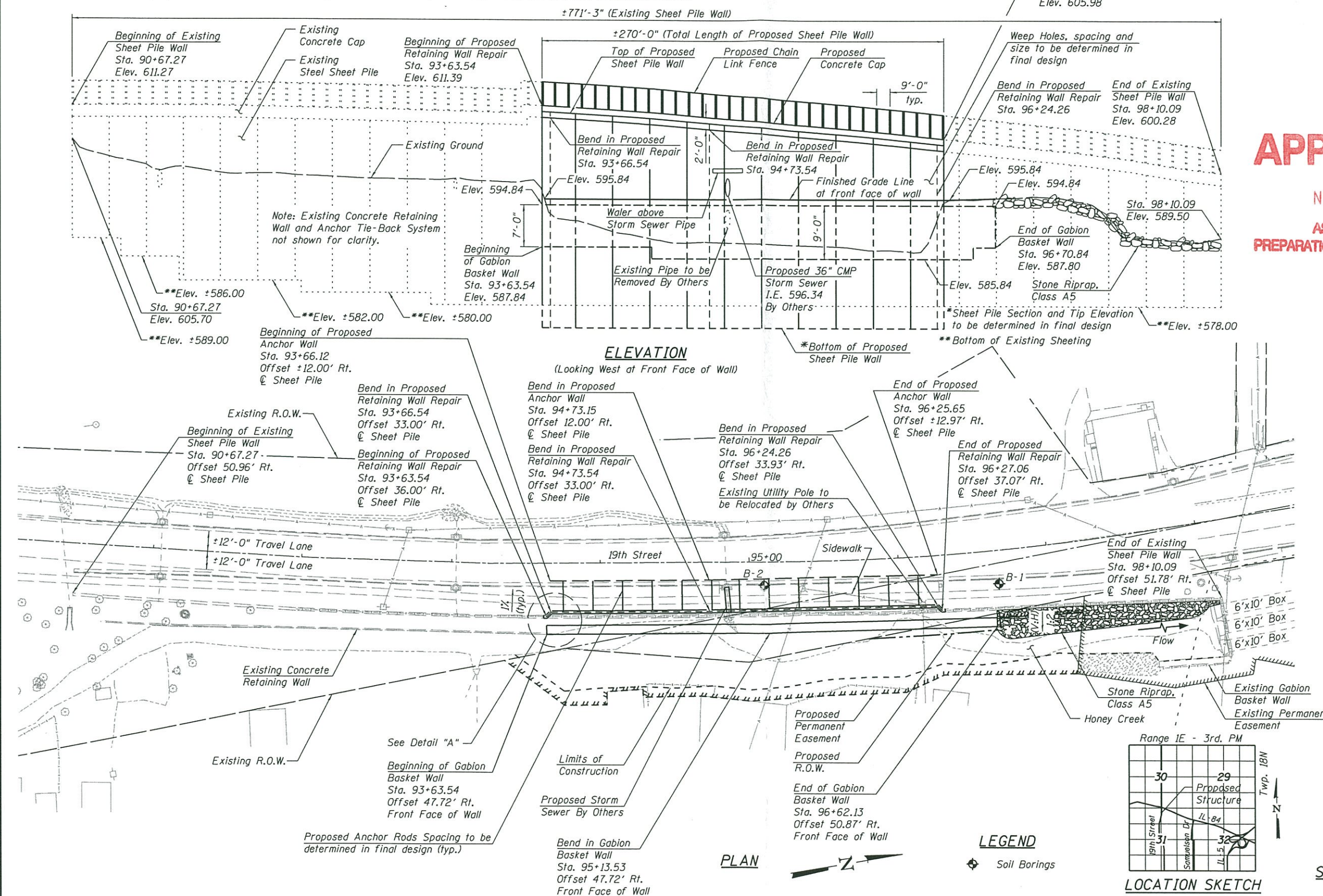


Benchmark: Disk at North End of Retaining Wall at Southwest Corner of Culvert. Elev 600.33.

Existing Structure: Existing sheet pile wall is not associated with a Structure Number. Existing Wall was built in 2000 as FAP Route 308 Section (7W-2, 7W-3)M, TS-3 and 7-W3BR. The wall consists of driven PZ-27 Sheet Pile with a CIP Concrete Cap supporting a chain link fence. The existing wall is approximately 771'-3" long with a maximum exposed height of ±20'-2". Portions of the wall will be removed. Traffic to be detoured.

Salvage: Areas outside the proposed rehabilitation limits to be protected. No salvage for areas inside the proposed rehabilitation limits.



**APPROVED**

NOV 09 2015

AS A BASIS FOR CURVE DATA  
PREPARATION OF DETAILED PLANS

P.I. Sta. = 96+41.05  
Δ = 8°48'34" (LT)  
D = 3°27'23"  
R = 1,657.74'  
T = 127.69'  
L = 254.88'  
E = 4.91'  
P.C. Sta. = 95+13.36  
P.T. Sta. = 97+68.24

#### HIGHWAY CLASSIFICATION

FAU Rte. 5855  
Functional Class: Minor Arterial, (Urban)  
ADT: 10,450 (2016); 11,575 (2036)  
DHW: 2,075 (2036)  
ADTT: 555 (2016); 615 (2036)  
Design Speed: 40 m.p.h.  
Posted Speed: 40 m.p.h.  
2-Way Traffic  
Directional Distribution: 50:50

#### DESIGN SPECIFICATIONS

2014 AASHTO LRFD Bridge Design  
Specifications, 7th Edition with 2015 Interims  
Design Life: 75 Years

#### DESIGN STRESSES

##### FIELD UNITS (EXISTING CONSTRUCTION)

f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)  
fy = 50,000 psi (Sheeting)

##### DESIGN STRESSES

##### FIELD UNITS (NEW CONSTRUCTION)

f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)  
fy = 50,000 psi (Sheeting)

#### GENERAL PLAN

19TH STREET  
F.A.U. 5855 SECTION 113M  
ROCK ISLAND COUNTY  
STA. 93+63.54 TO STA. 96+27.06  
STRUCTURE NO. 081-7004

1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
STRAND ASSOCIATES, INC.  
IDFPR NO. 184-001273

USER NAME = briant  
PLOT SCALE = 0:2.0000 ' = 1"  
PLOT DATE = 10/23/2015

DESIGNED - RRD  
CHECKED - AJS  
DRAWN - BJF  
CHECKED - RRD

REVISED  
REVISED  
REVISED  
REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

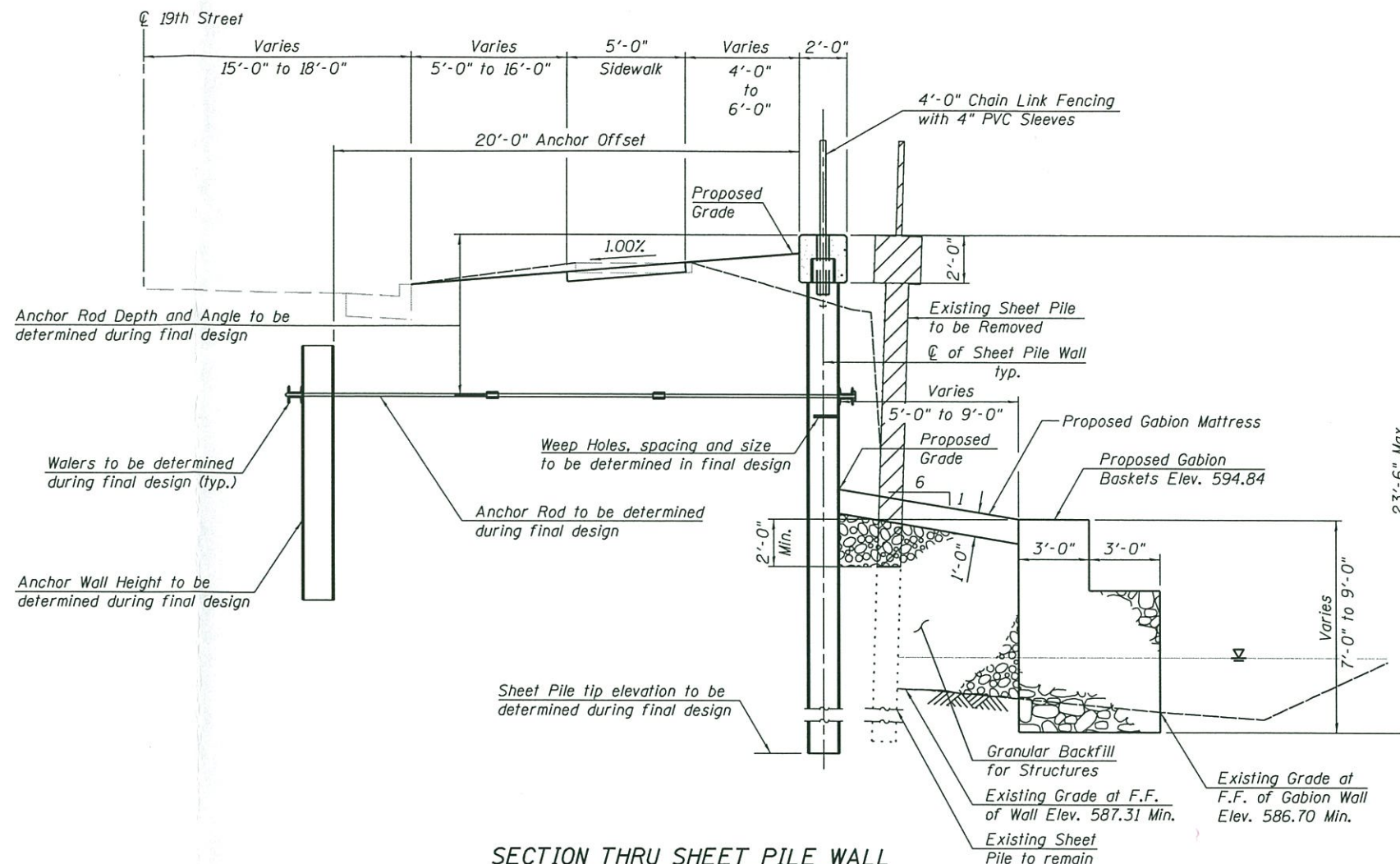
GENERAL PLAN  
STRUCTURE NO. 081-7004

SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5855	113M	ROCK ISLAND		
CONTRACT NO.				

ILLINOIS FED. AID PROJECT



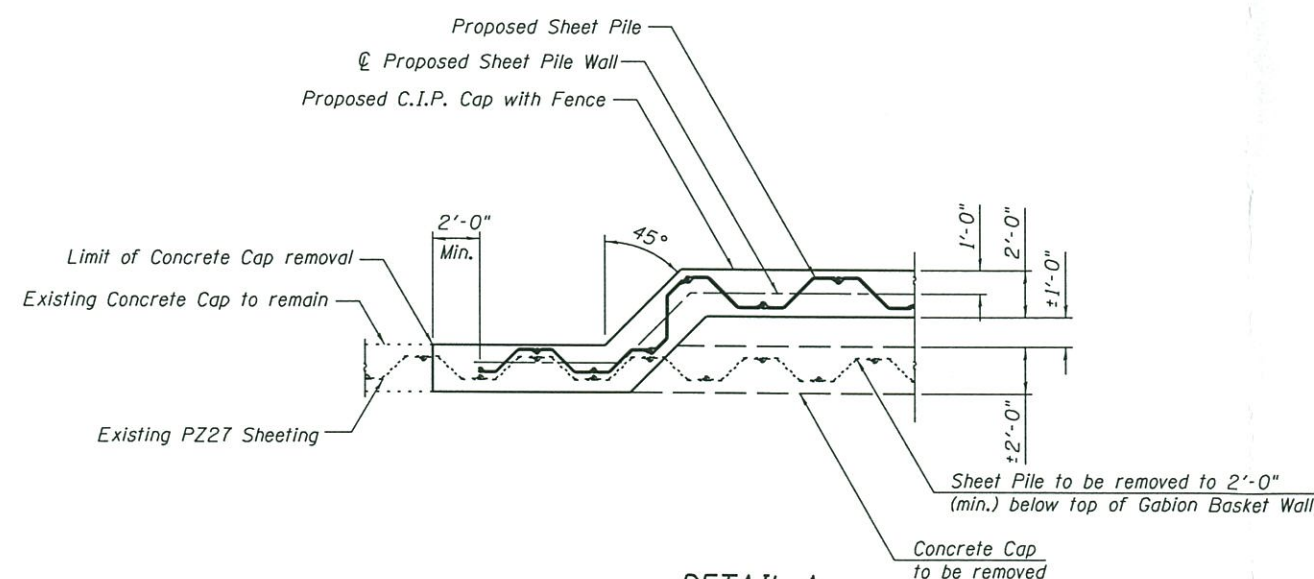


**SECTION THRU SHEET PILE WALL  
AT OVER-EXCAVATION**  
(Looking North)  
(R.O.W. Not Shown)

**APPROVED**

NOV 09 2015

AS A BASIS FOR  
PREPARATION OF DETAILED PLANS



**DETAIL A**

**DETAILS**  
**19TH STREET**  
**F.A.U. 5855 SECTION 113M**  
**ROCK ISLAND COUNTY**  
**STA. 93+63.54 TO STA. 96+27.06**  
**STRUCTURE NO. 081-7004**

<b>SA</b> <b>STRAND</b> ASSOCIATES 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200 IDPR NO. 184-001273	USER NAME = briant		DESIGNED - RRD	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	DETAILS		F.A.U. RTE. 5855	SECTION 113M	COUNTY ROCK ISLAND	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0:2,000 '1" = 100'		CHECKED - AJS	REVISED -		STRUCTURE NO. 081-7004						
	DRAWN - BJF		CHECKED - RRD	REVISED -		SHEET NO. 2 OF 2 SHEETS						
	PLOT DATE = 10/23/2015											

FILE NAME = S:\JOL\6308-6399\6346\085\Micros\CADD\Sheets\TSA.dgn